ICS 49.030.30 SLOVENSKÁ TECHNICKÁ NORMA Apríl 2026

STN	**Letectvo a kozmonautika Samopoistné nitovacie matice so zúbkovaním, zo žiaruvzdornej ocele FE-PA 2601 (A286) Trieda: 1 100 MPa (pri teplote okolia)/650 °C**	**STN EN 3014** 31 3344

Aerospace series - Shank nut, self-locking, serrated, in heat resisting steel FE-PA2601 (A286) - Classification: 1 100 MPa (at ambient temperature) / 650 °C

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/26

Obsahuje: EN 3014:2025

Oznámením tejto normy sa ruší
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EUROPEAN STANDARD
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EUROPÄISCHE NORM

EN 3014

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ICS 49.030.30 Supersedes EN 3014:2015

English Version

Aerospace series - Shank nut, self-locking, serrated, in heat resisting steel FE-PA2601 (A286) - Classification: 1 100 MPa (at ambient temperature) / 650 °C

Série aérospatiale - Écrous à sertir, dentelés, à freinage interne, en acier résistant à chaud FE-PA2601 (A286) - Classification : 1 100 MPa (à température ambiante)/650 °C

Luft- und Raumfahrt - Einnietmuttern, selbstsichernd, verzahnt, aus hochwarmfestem Stahl FE-PA2601 (A286) - Klasse: 1 100 MPa (bei Raumtemperatur) / 650 °C

This European Standard was approved by CEN on 5 October 2025.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 3014:2025) has been prepared by ASD-STAN.

After enquiries and votes carried out in accordance with the rules of this Association, this document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2026, and conflicting national standards shall be withdrawn at the latest by June 2026.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 3014:2015.

This document includes the following significant technical changes with respect to EN 3014:2015:

— Clause 3, Terms and definitions, was added;

— Figure 1 has been updated;

— Table 1 values for D_8 have been corrected.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

1 Scope

This document specifies the characteristics of self-locking serrated shank nuts in FE-PA2601, for aerospace applications.

Classification: 1 100 MPa[1]/650 °C[2].

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2399, *Aerospace series — Heat resisting steel FE-PA2601 (X4NiCrTiMoV26-15) — R_m ≥ 900 MPa — Bars for forged bolts — D ≤ 25 mm*

EN 2424, *Aerospace series — Marking of aerospace products*

EN 3004, *Aerospace series — Nuts, self-locking, MJ threads, in heat resisting steel FE-PA2601 (A286) — Classification: 1 100 MPa (at ambient temperature)/650°C — Technical specification*

EN 3064, *Aerospace series — Shank nuts, self-locking, serrated — Installation procedure*

EN 3065, *Aerospace series — Installation holes for self-locking, serrated shank nuts — Design standard*

EN 3639, *Aerospace series — Heat resisting alloy X6NiCrTiMoV26-15 (1.4980) — Softened and cold worked — Wires for forged fasteners — D ≤ 15 mm — 900 MPa ≤ R_m ≤ 1 100 MPa*

ISO 5855-2, *Aerospace — MJ threads — Part 2: Limit dimensions for bolts and nuts*

[1] Corresponds to the minimum tensile stress which the nut is able to withstand at ambient temperature without breaking or cracking when tested with a bolt of a higher strength class.

[2] Maximum test temperature of the parts.